

CLAIMS

We claim:

- 5 1. A method for binding an object member at runtime comprising:
declaring said object member in a program written in a dynamically typed programming
language; and
running said program comprising,
 determining whether said object member is used; and
10 binding said object member to its reference if said object member is used.
2. The method of claim 1 wherein said object member is a class member of
said dynamically typed programming language.
- 15 3. The method of claim 1 wherein said object member is a class method of
said dynamically typed programming language.
4. The method of claim 3 wherein said class method is a virtual method of an
object of said dynamically typed programming language.
20 5. The method of claim 1 further comprising:
using an access control level wherein a public member and a private member have
different access rights.
- 25 6. A computer program product comprising:

a computer useable medium having computer readable program code embodied therein configured to bind an object member at runtime, said computer program product comprising:

computer readable code configured therein to cause a computer to declare said
5 object member in a program written in a dynamically typed programming language; and

computer readable code configured therein to cause a computer to run said
program comprising,

computer readable code configured therein to cause a computer to determine whether said
object member is used; and

10 computer readable code configured therein to cause a computer to bind said object
member to its reference if said object member is used.

7. The computer program product of claim 6 wherein said object member is a
class member of said dynamically typed programming language.

15 8. The computer program product of claim 6 wherein said object member is a
class method of said dynamically typed programming language.

9. The computer program product of claim 8 wherein said class method is a
20 virtual method of an object of said dynamically typed programming language.

10. The computer program product of claim 6 further comprising:
an access control level wherein a public member and a private member have different
access rights.